



MI-CW4510

Michigan Crop Weather

November 8, 2010

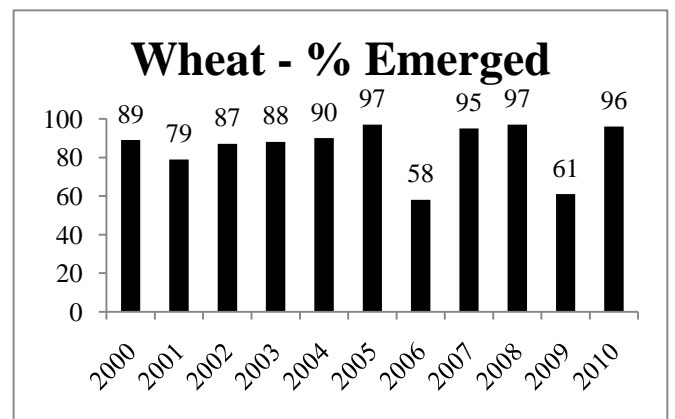
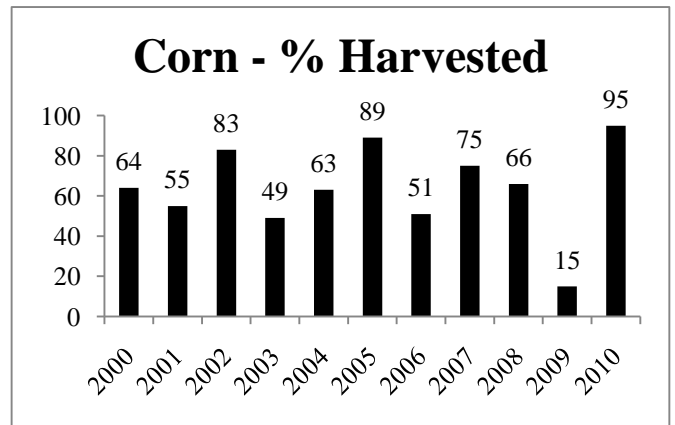
Seasonal Weather Sets In

Six days were suitable for fieldwork during the week ending November 7, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.16 inches to 0.33 inches in the Upper Peninsula and 0.02 to 0.29 inches in the Lower Peninsula. Temperatures ranged from normal to 1 degree above normal in the Upper Peninsula, while temperatures in the Lower Peninsula ranged from 3 to 7 degrees below normal. Freezing temperatures at night and snow showers late Thursday and Friday highlighted weather headlines. Warmer temperatures over the weekend capped off a rather diverse weather week.

Field Crops

Field harvest is nearly complete with just a few fields of **corn** and **soybeans** left to be harvested. “Many finished up harvest just in time for the first flakes of snow,” said a reporter from Barry County. Decreasing stalk condition and downed corn made remaining acres difficult to harvest. Full elevators and snow showers also slowed progress. **Winter wheat** emergence continued, although much of it has stalled due to lack of moisture. Some late fields were planted during the week. A few nights of sub freezing temperatures stalled **sugarbeet** harvest. Most of the crop has been harvested and piled. Given the early harvest, farmers had an excellent opportunity to prepare ground for spring and to correct field problems before winter sets in.

As of November 7



Soil moisture for week ending 11/07/10

| Stratum | Very short | Short | Adequate | Surplus |
|---------|------------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Topsoil | 13 | 18 | 67 | 2 |
| Subsoil | 10 | 31 | 58 | 1 |

Crop condition for week ending 11/07/10

| Crop | Very poor | Poor | Fair | Good | Excellent |
|--------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| All Hay | 1 | 7 | 30 | 48 | 14 |
| Winter Wheat | 0 | 3 | 17 | 57 | 23 |

Crop progress for week ending 11/07/10

| Crop | This week | Last week | Last year | 5-year average |
|-------------------------|-----------|-----------|-----------|----------------|
| | Percent | Percent | Percent | Percent |
| All hay, fourth cutting | 89 | 83 | 81 | 85 |
| Corn, harvested | 95 | 84 | 15 | 59 |
| Sugarbeets, harvested | 90 | 68 | 86 | 82 |
| Winter wheat, emerged | 96 | 88 | 61 | 80 |

Michigan Weather Summary for Week Ending 11/07/10 ¹

| Station | Temperature | | | Cumulative growing degree days ² | | | Precipitation | | | | | |
|----------------|-------------|---------|-----------------------|---|-------|--------|---------------|----------------|-----------------|---------------|---------------|-----------|
| | Maximum | Minimum | Departure from normal | 2010 | 2009 | Normal | This week | Last two weeks | Last four weeks | Since April 1 | Normal | |
| | | | | | | | | | | | Since April 1 | For month |
| Ironwood | 59 | 25 | | 2,370 | 1,875 | | 0.17 | 1.13 | 2.10 | 27.22 | | |
| Marquette | 56 | 20 | | 2,271 | 1,719 | | 0.37 | 1.31 | 2.28 | 27.82 | | |
| Stephenson | 59 | 18 | | 2,752 | 2,132 | | 0.04 | 0.69 | 1.94 | 26.24 | | |
| Western UP | 59 | 17 | 1 | 2,379 | 1,814 | 2,045 | 0.16 | 1.16 | 2.21 | 27.68 | 23.05 | 2.54 |
| Cornell | 52 | 22 | | 2,600 | 1,984 | | 0.30 | 1.35 | 2.57 | 26.67 | | |
| Sault St Marie | 53 | 20 | | 2,374 | 1,741 | | 0.37 | 1.67 | 3.22 | 25.01 | | |
| Eastern UP | 53 | 19 | 0 | 2,334 | 1,737 | 1,790 | 0.33 | 1.52 | 2.74 | 27.79 | 22.09 | 2.65 |
| Beulah | 54 | 28 | | 2,847 | 2,182 | | 0.82 | 1.38 | 2.27 | 23.53 | | |
| Lake City | 57 | 18 | | 2,689 | 2,067 | | 0.19 | 0.92 | 1.68 | 26.37 | | |
| Old Mission | 56 | 28 | | 2,744 | 2,069 | | 0.29 | 0.62 | 1.46 | 22.31 | | |
| Pellston | 53 | 17 | | 2,570 | 1,930 | | 0.06 | 0.79 | 1.52 | 24.72 | | |
| Northwest | 57 | 17 | -3 | 2,657 | 2,011 | 2,353 | 0.29 | 0.83 | 1.73 | 21.96 | 21.42 | 2.69 |
| Alpena | 54 | 19 | | 2,658 | 2,058 | | 0.11 | 0.82 | 1.73 | 22.98 | | |
| Houghton Lake | 54 | 18 | | 2,808 | 2,081 | | 0.02 | 0.46 | 1.29 | 20.49 | | |
| Rogers City | 53 | 28 | | 2,482 | 2,007 | | 0.13 | 0.82 | 1.90 | 27.25 | | |
| Northeast | 54 | 18 | -4 | 2,682 | 2,042 | 2,271 | 0.08 | 0.77 | 1.70 | 24.19 | 20.88 | 2.57 |
| Fremont | 55 | 24 | | 3,077 | 2,394 | | 0.06 | 0.61 | 1.97 | 18.53 | | |
| Hart | 53 | 26 | | 2,939 | 2,258 | | 0.38 | 0.60 | 1.60 | 21.34 | | |
| Muskegon | 53 | 27 | | 3,402 | 2,616 | | 0.12 | 0.55 | 1.79 | 23.27 | | |
| West Central | 56 | 22 | -4 | 3,071 | 2,380 | 2,575 | 0.29 | 0.82 | 2.03 | 21.63 | 21.60 | 2.88 |
| Alma | 55 | 23 | | 3,153 | 2,455 | | 0.02 | 0.23 | 2.13 | 24.25 | | |
| Big Rapids | 55 | 23 | | 2,957 | 2,247 | | 0.02 | 0.90 | 2.07 | 24.99 | | |
| Central | 55 | 22 | -5 | 3,053 | 2,348 | 2,662 | 0.02 | 0.51 | 1.78 | 21.26 | 22.04 | 2.49 |
| Bad Axe | 54 | 25 | | 2,972 | 2,306 | | 0.31 | 0.39 | 0.81 | 22.85 | | |
| Pigeon | 54 | 23 | | 2,943 | 2,275 | | 0.06 | 0.35 | 1.10 | 18.43 | | |
| Saginaw | 55 | 25 | | 3,280 | 2,536 | | 0.00 | 0.21 | 0.97 | 18.39 | | |
| Standish | 55 | 19 | | 2,904 | 2,242 | | 0.08 | 0.37 | 1.66 | 25.17 | | |
| East Central | 55 | 19 | -6 | 2,985 | 2,339 | 2,677 | 0.15 | 0.45 | 1.52 | 21.75 | 19.74 | 2.23 |
| Fennville | 56 | 23 | | 3,199 | 2,490 | | 0.01 | 0.51 | 1.21 | 29.20 | | |
| Grand Rapids | 57 | 24 | | 3,517 | 2,763 | | 0.00 | 0.52 | 2.13 | 27.01 | | |
| Holland | 55 | 23 | | 3,494 | 2,881 | | 0.03 | 0.29 | 1.32 | 36.64 | | |
| South Bend, IN | 56 | 19 | | 3,615 | 2,934 | | 0.34 | 1.10 | 2.09 | 24.34 | | |
| Watervliet | 55 | 20 | | 3,412 | 2,700 | | 0.25 | 1.00 | 1.86 | 24.04 | | |
| Southwest | 58 | 19 | -7 | 3,391 | 2,714 | 2,937 | 0.16 | 0.82 | 1.85 | 26.28 | 23.13 | 2.79 |
| Belding | 55 | 18 | | 3,098 | 2,415 | | 0.00 | 0.76 | 1.81 | 21.57 | | |
| Coldwater | 56 | 19 | | 3,449 | 2,809 | | 0.00 | 0.56 | 1.08 | 19.29 | | |
| Lansing | 55 | 24 | | 3,382 | 2,611 | | 0.00 | 0.29 | 2.45 | 21.60 | | |
| South Central | 57 | 18 | -7 | 3,256 | 2,581 | 2,881 | 0.02 | 0.51 | 1.70 | 23.81 | 21.97 | 2.32 |
| Detroit | 53 | 26 | | 3,657 | 3,026 | | 0.01 | 0.19 | 0.77 | 23.59 | | |
| Flint | 56 | 20 | | 3,350 | 2,567 | | 0.04 | 0.37 | 1.83 | 19.57 | | |
| Romeo | 54 | 23 | | 3,221 | 2,592 | | 0.10 | 0.35 | 1.32 | 18.93 | | |
| Tipton | 55 | 23 | | 3,320 | 2,685 | | 0.01 | 0.25 | 0.82 | 25.11 | | |
| Toledo, OH | 54 | 23 | | 3,627 | 3,024 | | 0.02 | 0.22 | 0.89 | 24.27 | | |
| Southeast | 62 | 18 | -7 | 3,366 | 2,772 | 2,876 | 0.03 | 0.25 | 0.93 | 22.25 | 20.98 | 2.44 |

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.